

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	12	(unscattered near photon) photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 09:01
L9	12	(unscattered with photon) photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 09:01
S1	26	(photoacoustic with wave) same image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:40
S2	2	(photoacoustic with wave) same (spectral with image)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:41
S3	4406	photon with excitation	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:41
S4	529	S3 same image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:41
S5	12	S3 same (spectral with image)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:45
S7	144	"jung, william".xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:46
S8	64647	ultrasound	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:47
S9	296152	optic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:47
S10	899883	laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:47
S13	27	S7 S8 (S9 or S10)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:54
S14	611735	spectral or spectrum or spectroscopy	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:54
S15	4503150	light or optic\$4 or laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:54

## EAST Search History

S16	377527	S14 S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:54
S17	1992	600/473-478.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:55
S18	1126	S16 S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:55
S19	1519	photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 17:55
S20	22	S18 S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:31
S21	12	S20 photon	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 19:28
S22	10	S21 image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 20:44
S23	1519	photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:31
S24	19972	spectral with image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:35
S25	5	S23 same S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:31
S26	2606	spectral near image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:54
S27	8	S23 S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 00:28
S28	2	multiphoton near photoacoustic near spectroscopy	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:42
S29	1	photon near photoacoustic near spectroscopy	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:42
S30	81	mppas	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:43

## EAST Search History

S31	2	S30 S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:44
S32	15	((("3,808,439") or ("5,954,658") or ("6,413,267") or ("6,522,903") or ("6,503,204") or ("6,344,051") or ("6,490,470") or ("6,292,682") or ("6,212,421") or ("6,104,942") or ("6,102,857") or ("4,059,010") or ("5,713,358") or ("5,924,986") or ("6,544,193") or ("6,413,267") or ("5,954,658") or ("3,808,439"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/07/24 04:09
S35	780	S26 laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:54
S36	86	S35 acoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:54
S37	1	S26 same acoustic same laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:55
S38	22	S26 same acoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:55
S39	148	S26 same laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/23 23:55
S40	6	spectroscopy with image with photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 00:52
S43	4	spectrum with image with photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 00:42
S44	6	(photoacoustic near spectroscopy) with image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 01:06
S45	4	(photoacoustic near spectroscopy) same (image with (spectrum or spectral))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 00:44
S46	1	pas with S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 00:53
S47	5	pas same S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 00:53
S48	16	(photoacoustic same spectroscopy) same image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 01:11

## EAST Search History

S49	8359122	multi or multiple or two or double or dual	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 01:12
S50	15	S48 S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 01:26
S51	649	photoacoustic spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 01:26
S52	4	photoacoustic with spectrum with image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 01:26
S53	11	photoacoustic same spectrum same image	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 02:13
S54	1280	("2" or two) near photon near absorption	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 02:13
S55	0	S23 same S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 02:13
S56	3	S23 S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 02:14
S57	7	multiphoton with photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 02:14
S58	12	(US-20050070803-\$ or US-20050004458-\$ or US-20050065436-\$).did. or (US-6662040-\$ or US-6652459-\$ or US-6694173-\$ or US-6567688-\$ or US-6466806-\$ or US-6350431-\$ or US-4529319-\$).did. or (EP-1048265-\$).did. or (US-20050070803-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2006/07/24 03:35
S60	4	S58 fluorescent	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2006/07/24 03:36
S61	2	fluorescent same non-fluorescent same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:01
S62	2	non-fluorescent same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:01
S63	49	fluorescent same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:38
S64	1	(non-radiative near relaxing) same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:12

## EAST Search History

S65	0	(non-radiative near relax) same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:13
S66	8	non-radiative same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:51
S67	157	fluorescen\$2 same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:52
S68	14138	malignant with tissue	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:38
S69	19	S67 S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:46
S70	2	non-fluorescent same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:54
S71	2	non\$1fluorescent same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:53
S72	2	"non fluorescent" same photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:53
S74	17	fluorescent with photoacoustic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/07/24 04:54